

EXCHANGE METHOD FOR EMBOLI CONTAINMENT

Abstract of the Disclosure

5 The present invention provides a method for exchanging catheters while
containing emboli within a blood vessel such as a saphenous vein graft, coronary
artery, carotid artery, or other similar vessels. A guidewire is inserted through the
vasculature of a patient until it reaches a desired treatment site. A therapy catheter
is then inserted over the guidewire until the distal end of the therapy catheter reaches
the treatment site. The guidewire has a distally mounted balloon which is inflated to
occlude the blood vessel. Then, the therapy catheter provides means for treating the
10 vessel at the treatment site. After treatment, the therapy catheter is removed from the
guidewire and exchanged with an aspiration catheter which rides over the guidewire
until the distal end of the aspiration catheter reaches the treatment site. The aspiration
catheter applies negative pressure to remove any emboli formed by the treatment
procedure.

15
SHL-1161-sl/df,cpl
032798